

Abstract

An integrated multimedia microcomputer device comprises a system-on-a-chip including a general purpose processor, a audio processor and an video processor. The general purpose processor is used to process an operation system and a plurality of application programs. The integrated multimedia microcomputer device also comprises a memory for storage of data, a audio/video output interface connected with the audio processor and the video processor for output of processed audio and video data respectively. The general purpose processor is also connected with a storage medium interface and several connection interfaces for electric connection with memory media and external electronic devices. The general purpose processor can perform signal transmission and communication with these electronic devices through execution of the application programs to accomplish the effects of multiple choices, convenient expansion of devices and audio/video playback.

15